STATE PLAN FOR POSTSECONDARY TECHNICAL EDUCATION
Revised FY 2001 Distributions
Legislation Truly Agreed To and Finally Passed—June 28, 2000

RTEC Sponsor	FY 1997 CBHE Distribution	FY 1998 CBHE Distribution (*)	FY 1999 CBHE Distribution (**)	FY 2000 CBHE Distribution	Planned FY 2001 CBHE Increase	Planned FY 2001 CBHE Distribution	Revised FY 2001 CBHE Increase	Revised FY 2001 CBHE Distribution
Crowder College	$300,000	$750,000	$1,275,000	$1,375,000	$50,000	*$1,425,000*	**$35,000**	**$1,410,000**
East Central College	360,000	600,000	1,100,000	1,400,000	125,000	*1,525,000*	**95,000**	**1,495,000**
Jefferson College	151,000	250,000	420,000	600,000	175,000	*775,000*	**160,000**	**760,000**
Metropolitan CCs	783,900	1,750,000	2,500,000	3,500,000	2,500,000	*6,000,000*	**2,460,000**	**5,960,000**
Mineral Area College	186,000	400,000	810,000	1,000,000	200,000	*1,200,000*	**135,000**	**1,135,000**
Moberly Area CC	335,000	660,000	1,100,000	1,250,000	125,000	*1,375,000*	**75,000**	**1,325,000**
North Central MO C	209,000	480,000	600,000	875,000	125,000	*1,000,000*	**115,000**	**990,000**
Ozarks Tech. CC	564,985	1,180,000	1,725,000	2,525,000	250,000	*2,775,000*	**210,000**	**2,735,000**
St. Charles Co. CC	310,000	500,000	800,000	1,000,000	150,000	*1,150,000*	**120,000**	**1,120,000**
St. Louis CC District	675,000	1,850,000	2,300,000	3,000,000	1,800,000	*4,800,000*	**1,760,000**	**4,760,000**
State Fair CC	290,000	650,000	1,290,000	2,095,000	105,000	*2,200,000*	**45,000**	**2,140,000**
Three Rivers CC	340,000	500,000	600,000	900,000	170,000	*1,070,000*	**145,000**	**1,045,000**
CC RTEC Totals	**$4,505,885**	**$9,570,000**	**$14,520,000**	**$19,520,000**	$5,775,000	*$25,295,000*	**$5,355,000**	**$24,875,000**
Research/Evaluation	75,000	75,000	125,000	125,000	-0-	*125,000*	**-0-**	**125,000**
Total RTEC Distributions	**$4,580,885**	**$9,645,000**	**$14,645,000**	**$19,645,000**	$5,775,000	*$25,420,000*	**$5,355,000**	**$25,000,000**
Mission Enhancement Funds Allocated to Technical Education								
Mo. Western State Coll.	*118,400*	*180,000*	335,000	515,000				
SMSU-West Plains	*72,000*	*100,000*	587,500	1,100,000				
Total Tech. Ed. Mis. Enh.	*$190,400*	*$280,000*	$822,500	$1,615,000				

(*) $75,000 for coordination was transferred into CBHE Coordination core budget in FY 1998.

(**) *Missouri Western State College*: $180,000 was transferred from RTEC distributions into Missouri Western State College core budget in FY 1999. Through Mission Enhancement funding, $155,000 and $180,000 were added respectively in FY 1999 and FY 2000 to cumulate a total of $515,000 for technical education.

SMSU—West Plains: $100,000 was transferred from RTEC distributions into SMSU—West Plains core budget in FY 1999. Through Mission Enhancement funding to SMSU, $487,500 and $512,500 were added respectively in FY 1999, and FY 2000, to cumulate a total of $1,100,000 for technical education.

FY 2001 CBHE distributions will be permanently added to the Technical Education (RTEC) core budgets of each community college in FY 2002.

The FY 2001 CBHE total funding recommendation does not include the normal 3% Governor's reserve.

MISSOURI PUBLIC TWO-YEAR COLLEGES
Mission Enhancement Accountability Measures
State Plan for Postsecondary Technical Education
Approved by the Coordinating Board, April 1999

	Missouri Goal	Two-year College Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
I.	Geographic Access	Meet the identified regional needs for targeted postsecondary technical education throughout the service regions.	Expanded community accesses for citizens of Missouri desiring education and training in targeted high-skill and high-wage occupations.	Identified outreach centers offering one or more targeted certificate and AAS degree programs in technical education will be available within 45 minutes of any citizen.	Annually identify the communities serving as access points for technical programs located out-of the community college taxing districts.
II.	Programmatic Access	Strengthen existing, and develop new targeted postsecondary technical education programs.	Added targeted postsecondary technical education programs within the service region, and in the state's interest.	Increased number of targeted technical programs added both on campus and off-campus (out of taxing district).	Annually identify targeted technical certificate and AAS degree programs offered both on and off-campus.
III.	Efficiency that maximizes the sharing of resources	Strengthen consortia relationships in the delivery of targeted postsecondary technical education throughout the service region.	1. Fuller utilization of existing AVTS capacity to deliver targeted postsecondary technical education programs.	Improved articulation agreements between AVTS secondary and adult programs and targeted postsecondary technical education programs.	Annually identify secondary programs articulated with targeted postsecondary technical programs.
			Improved collaboration with private career (proprietary) schools to deliver targeted postsecondary technical education.	Increased number of targeted postsecondary technical programs and/or courses contracted with private career (proprietary) schools.	Annually identify targeted programs and courses contracted with private career (proprietary) schools.
			2. Improved collaboration with labor union apprenticeship training programs to deliver targeted postsecondary technical education.	Establish articulation agreements between Department of Labor-eligible apprenticeship training programs and targeted postsecondary technical education programs.	Annually identify, apprenticeship-training programs articulated with targeted certificate/AAS degree technical programs.

Missouri Goal	Two-year College Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
		3. Improved collaboration with articulated public baccalaureate technology programs to provide career access.	Improved articulation agreements between public baccalaureate technology programs and transferred certificate and AAS degree programs.	Annually identify certificate/AAS degree technical programs that are articulated with public baccalaureate technology programs.
		Fuller utilization of electronic instructional delivery (ITV and Internet) to deliver targeted postsecondary technical education to remote locations.	Increased number of sites accessible through electronic delivery of postsecondary technical education instruction.	Annually identify the sending and receiving sites where targeted technical education is accessible through electronic delivery.

Missouri Goal	Two-year College Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
			a. Increased enrollment in postsecondary technical and related general education courses offered through electronic delivery.	i. Annually quantify the number of technical and related general education courses offered through electronic delivery.
				Annually quantify the number of students enrolled in technical and related general education courses delivered electronically.
IV. Quality Teaching and Learning	Maintain high quality standards among targeted postsecondary technical education programs at the certificate and AAS degree levels.	1. NAIT, ABET, or other applicable specialized accreditation of new, and existing targeted postsecondary technical education programs funded by technical education general revenue distributions.	Success in accrediting targeted postsecondary technical education programs on or before FY 2002.	Annually determine progress toward meeting or maintaining requirements for accreditation of new and existing technical education programs that are funded by technical education general revenue distributions.
		Technical education graduates are passing licensure, registration, certification, or applicable industry based skill set examinations in targeted technical education programs.	Demonstrated improvements in assessment results.	Annually measure scores on industry-based skill set assessments.
		2. Program faculty in targeted technical education programs maintains current	Increased technical education faculty involvement in factory schools, return to industry	i. Annually identify categories of activities which

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Missouri Goal	Two-year College Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
		and effective technical and pedagogical skills.	training, technical certification achievement, and teaching seminars and courses.	technical faculty are engaged to improve technical skills. ii. Annually identify categories which technical faculty are engaged to earn academic credentials toward associate, bachelor's, or master's degrees.
		Local and regional employers are satisfied with the supply of and employment preparation of new hires trained by targeted postsecondary technical programs.	Demonstrated high levels of employer satisfaction with the supply of and employment preparation of graduates and non-completers.	Annually sample a number of local and regional employers. Measure employers' levels of satisfaction.
V. Student Access to Success	Citizens residing within service regions will take advantage of opportunities to earn career success.	1. Increased student involvement in targeted postsecondary technical programs.	a. Increased numbers of recent high school graduates entering targeted postsecondary technical programs.	The CBHE staff, using existing state-wide data will quantify the number of recent high school graduates entering targeted postsecondary technical programs, including: • College Preparatory • A+ Graduates • Tech Prep Graduates College-going rate among respective community college service regions
			b. Increased enrollments in both on- and off-campus sites in targeted	The CBHE staff, using existing statewide data will quantify the number

Missouri Goal	Two-year College Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
			postsecondary technical programs.	of course completers enrolled in targeted on- and off-campus technical programs.
			c. Increased certificate and AAS degree graduates from targeted postsecondary technical programs.	The CBHE staff, using existing statewide data will categorize and quantify the number of graduates from targeted postsecondary technical programs.
			d. Increased number of targeted certificate and AAS degree graduates transferring to baccalaureate technology programs at public institutions.	The CBHE staff, using existing statewide data will quantify the numbers of: • Technical certificate and AAS degree graduates transferring to public baccalaureate technology programs; and • Public baccalaureate technology graduates that are a direct result of community college targeted certificate and AAS degree transfers.

LINN STATE TECHNICAL COLLEGE
Mission Enhancement Accountability Measures
SB 101, 1995 and the State Plan for Postsecondary Technical Education
Approved by the Coordinating Board, April 1999

Missouri Goal	Institutional Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
I. Geographic Access	Cooperate in the delivery of two-year advanced technical education within the parameters of state statute.	Expanded access for citizens of Missouri desiring highly specialized two-year education and training in advanced technologies.	Increased access to LSTC's specialized programs.	Annually identify the number of school districts, counties, and other locations from which student's matriculate
II. Programmatic Access	Strengthen existing, and develop new two-year postsecondary advanced technical programs.	1. Added targeted postsecondary technical education programs reflecting the state's interests and LSTC's five-year master plan.	Increased number of new advanced technical graduates.	i. Annually identify the number of advanced technical certificate and AAS degree graduates.
		2. Discontinue targeted programs according to the LSTC five-year master plan.	Reallocation of limited resources to other priority activities that focuses on the centrality of mission and enhances institutional image.	i. Identify a current listing of programs.
		3. Increased program completers in targeted advanced technical programs	Increased completion rates.	The number of targeted technical program completers.

Missouri Goal	Institutional Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
III. Efficiency that maximizes the sharing of resources	Develop and strengthen partnerships in the delivery of targeted two-year advanced postsecondary technical programs.	1. In collaboration with appropriate partners, meet the identified state needs for technical programs and related services.	a. Improved collaboration among partners in the delivery of targeted advanced technical programs and related general education courses.	Develop a set of performance indicators to evaluate the effectiveness of joint educational delivery systems.
		2. Through partnerships with colleges or through requests from employers, assist in the delivery of highly specialized courses and/or programs.	a. Increased number of college or employer partnerships to deliver highly specialized courses and/or programs not commonly offered by partnering institutions.	Identify the number of programs to which LSTC delivers courses and/or programs in partnership with community colleges.
		3. Appropriate enrollment of AVTS graduates in postsecondary technical education programs.	a. Improved articulation agreements between AVTS secondary and adult programs and postsecondary technical education programs. b. Increased number of secondary graduates with appropriate competencies transferring to articulated postsecondary technical education programs.	Annually identify the secondary technical programs articulated with postsecondary technical programs. Identify secondary graduates from Tech Prep, School-to-Work, and A+ entering postsecondary technical education with appropriate competencies.
		4. Exploration of labor union apprenticeship training programs to deliver postsecondary technical education for the purpose of upgrading advancement opportunities of skilled workers in Missouri.	Exploration of establishing articulation agreements with Department of Labor eligible apprenticeship training programs for postsecondary technical education programs.	Pending results of the exploration, identify the number of apprenticeship training programs articulated with certificate/AAS degree technical programs.
		5. Fuller utilization of articulated public baccalaureate technology	a. Improved articulation agreements among public baccalaureate technology	Identify the number of

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Missouri Goal	Institutional Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
		programs to provide career access for LSTC students currently possessing an AAS degree or certificate.	programs and transferred certificate and AAS degree programs. b. Increased numbers of certificate/AAS degree graduates transferring to articulated baccalaureate technology programs.	certificate/AAS degree technical programs that are articulated with public baccalaureate technology programs. i. Identify number of certificate/AAS degree graduates transferring to articulated baccalaureate technology programs. ii. Identify the number of graduates from public baccalaureate tech programs that transferred from certificate/AAS programs.
		6. Improved responsiveness and efficiency in the electronic delivery (ITV and Internet) of advanced postsecondary technical education instruction.	a. Increased number of sites accessible through electronic delivery of advanced postsecondary technical education instruction. b. Increased enrollment in advanced postsecondary technical and related general education courses delivered electronically.	Identify the number of sending and receiving sites where, targeted technical education is accessible through electronic delivery. i. Identify the number of technical and related general education courses sent through electronic delivery.
		7. Address the need for advanced technical programs through fuller utilization of corporate relationships.	Increased corporate collaborations including those elements such as donations, technical support regarding equipment, scholarships, internships, and curriculum development targeted to advanced technical programs.	ii. Identify the number of students enrolled in technical and related general education courses delivered electronically. Annually measure

Missouri Goal	Institutional Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
				corporate donations and other forms of collaboration.
IV. Quality Teaching and Learning	A. Achieve and maintain North Central Association of Colleges and Schools Commission on Institutions of Higher Education Accreditation.	Recognition from the Missouri public higher education system as an fully accredited institution.	Success in meeting or exceeding all the expected standards to qualify for accreditation by NCA.	Evaluate progress toward meeting or maintaining requirements for institutional accreditation.
	B. Maintain high quality standards among all postsecondary advanced technical programs at the certificate and AAS degree levels.	1. Applicable specialized accreditation of new, and existing postsecondary advanced technical programs such as NAIT, ABET or other appropriate accrediting/licensure agencies.	Success in accrediting targeted postsecondary technical programs.	Evaluate progress toward meeting or maintaining requirements for accreditation of new and existing advanced technical programs.
		2. Technical program graduates are passing licensure, registration, certification, or applicable industry related major field assessment as available and appropriate.	Demonstrated improvements in assessment results.	Annually measure achievement on appropriate major field assessment tests.
		3. Program faculty in technical programs maintains current and effective technical and pedagogical skills.	Increased technical faculty involvement in factory schools, return to industry training, technical certification achievement, and teaching seminars and courses.	i. Identify the number of technical faculty involved in technical skill improvement. ii. Identify the number of technical faculty involved in earning academic

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Missouri Goal	Institutional Goal	Conceptual Outcome	Desired Results	Operational Outcome Measure
				credentials toward a bachelor or a higher degree.
		4. Regional and statewide employers are satisfied with employment preparation of new hires trained in postsecondary technical programs.	Demonstrated high levels of employer satisfaction with employment preparation of graduates.	Measure levels of employer satisfaction based on a sample of regional and statewide employers.
		5. Graduates of postsecondary technical programs improve their employment and economic potential.	Demonstrated high rates of job placement among program graduates into jobs related to technical skill preparation.	*The CBHE Staff,* from a state-wide analysis of existing data, determine the number of completers who: • Acquired a job; • Acquired a job in a industry related to training; • If employed before training, improved earnings after training; • Moved from below to above the poverty level after training; • Enrolled in related advanced education beyond first degree or certificate; • Completed 14 years of education and training.

COORDINATING BOARD FOR HIGHER EDUCATION
State Plan for Postsecondary Technical Education

ELIGIBLE INSTRUCTIONAL PROGRAM CODES AND TITLE LISTINGS

The following instructional program codes and title listings are eligible for programmatic consideration in RTEC planning, new and enhanced technical Certificate and Associate of Applied Science Degree proposals, funding distributions, and serve as the "bench-mark" for accountability and productivity measures. *(Sources:* <u>*Technical Education Now*</u>*, Coordinating Board for Higher Education, in Missouri State Plan for Postsecondary Technical Education, 1997, pp. 61-64; and Classification of Instructional Programs (CIP), U.S. Department of Education, National Center for Education Statistics (NCES).)*

01. AGRICULTURAL BUSINESS AND PRODUCTION
01.02 Agricultural Mechanization
      01.0201 Agricultural Mechanization, General
      01.0299 Agricultural Mechanization, Other

15. ENGINEERING-RELATED TECHNOLOGIES
15.03 Electrical and electronic Engineering-Related Technology
      15.0301 Computer Engineering Technology/Technician
      15.0303 Electrical, Electronic and Communications Engineering Technology/
          Technician
      15.0304 Laser and Optical Technology/Technician
      15.0399 Electrical and Electronic Engineering-Related Technologies/
          Technicians, Other
15.04 Electromechanical Instrumentation and Maintenance Technology
      15.0401 Biomedical Engineering-Related Technology/Technician
      15.0402 Computer Maintenance Technology/Technician
      15.0403 Electromechanical Technology/Technician
      15.0404 Instrumentation Technology/Technician
      15.0405 Robotics Technology/Technician
      15.0499 Electromechanical Instrumentation and Maintenance Technologies/
          Technicians, Other
15.05 Environmental Control Technologies
      15.0501 Heating, Air Conditioning and Refrigeration Technology/Technician
      15.0503 Energy Management and Systems Technology/Technician
      15.0505 Solar Technology/Technician
      15.0506 Water Quality and Wastewater Treatment Technology/Technician
      15.0507 Environmental and Pollution Control Technology/Technician
      15.0599 Environmental Control Technologies/Technicians, Other

15.06 Industrial Production Technologies
  15.0603 Industrial/Manufacturing Technology/Technician
  15.0607 Plastics Technology/Technician
  15.0611 Metallurgical Technology/Technician
  15.0699 Industrial Production Technologies/Technicians, Other
15.07 Quality Control and Safety Technologies
  15.0701 Occupational Safety and Health Technology/Technician
  15.0702 Quality Control Technology/Technician
  15.0799 Quality Control and Safety Technologies/Technicians, Other
15.08 Mechanical Engineering-Related Technologies
  15.0801 Aeronautical and Aerospace Engineering Technology/Technician
  15.0803 Automotive Engineering Technology/Technician
  15.0805 Mechanical Engineering/Mechanical Technology/Technician
  15.0899 Mechanical Engineering-Related Technologies/Technicians, Other
15.11 Miscellaneous Engineering-Related Technologies
  15.1101 Engineering-Related Technology/Technician, General
  15.1103 Hydraulic Technology/Technician
15.99 Engineering-Related Technologies, Other
  15.9999 Engineering-Related Technologies/Technicians, Other

41. SCIENCE TECHNOLOGIES
41.01 Biological Technology
  41.0101 Biological Technology/Technician
41.02 Nuclear and Industrial Radiologic Technologies
  41.0204 Industrial Radiologic Technology/Technician
  41.0205 Nuclear/Nuclear Power Technology/Technician
  41.0299 Nuclear and Industrial Radiologic Technologies/Technician, Other
41.03 Physical Science Technologies
  41.0301 Chemical Technology/Technician
  41.0399 Physical Science Technologies/Technician, Other
41.99 Science Technologies, Other
  41.9999 Science Technologies/Technician, Other

47. MECHANICS AND REPAIRERS
47.01 Electrical and Electronics Equipment Installers and Repairers
  47.0101 Electrical and Electronics Equipment Installer and Repairer, General
  47.0102 Business Machine Repairer
  47.0103 Communication Systems Installer and Repairer
  47.0104 Computer Installer and Repairer
  47.0105 Industrial Electronics Installer and Repairer
  47.0199 Electrical and Electronics Equipment Installer and Repairer, Other
47.02 Heating, Air Conditioning and Refrigeration Mechanics and Repairers
  47.0201 Heating, Air Conditioning and Refrigeration Mechanic and Repairer

47.03 Industrial Equipment Maintenance and Repairers
      47.0302 Heavy Equipment Maintenance and Repairer
      47.0303 Industrial Machinery Maintenance and Repairer
      47.0399 Industrial Equipment Maintenance and Repairers, Other
47.04 Miscellaneous Mechanics and Repairers
      47.0401 Instrument Calibration and Repairer
47.05 Stationary Energy Sources Installers and Operators
      47.0501 Stationary Energy Sources Installer and Operator
47.06 Vehicle and Mobile Equipment Mechanics and Repairers
      47.0609 Aviation Systems and Avionics Maintenance Technologist/Technician
47.99 Mechanics and Repairers, Other
      47.9999 Mechanics and Repairers, Other

48. PRECISION PRODUCTION TRADES
48.01 Drafting
      48.0101 Drafting, General
      48.0104 Electrical/Electronics Drafting
      48.0105 Mechanical Drafting
      48.0199 Drafting, Other
48.02 Graphic and Printing Equipment Operators
      48.0201 Graphic and Printing Equipment Operator, General
      48.0211 Computer Typography and Composition Equipment Operator
48.05 Precision Metal Workers
      48.0501 Machinist/Machine Technologist
      48.0503 Machine Shop Assistant
      48.0506 Sheet Metal Worker
      48.0507 Tool and Die Maker/Technologist
      48.0508 Welder/Welding Technologist
      48.0599 Precision Metal Workers, Other
48.07 Woodworkers
      48.0701 Woodworkers, General
      48.0702 Furniture Designer and Maker
      48.0703 Cabinet Maker and Millworker
      48.0799 Woodworkers, Other
48.99 Precision Production Trades, Other
48.999 Precision Production Trades, Other

50. VISUAL AND PERFORMING ARTS
50.04 Design and Applied Arts
      50.0402 Graphic Design, Commercial Art and Illustration
      50.0404 Industrial Design
      50.0406 Commercial Photography

51. HEALTH PROFESSIONS AND RELATED SCIENCES
51.02 Communication Disorders Sciences and Services
  51.0203 Speech-Language Pathology Technician
  51.0204 Speech-Language Pathology and Audiology Technician
51.06 Dental Services
  51.0602 Dental Hygienist
  51.0603 Dental Laboratory Technician
51.08 Health and Medical Assistants
  51.0803 Occupational Therapy Assistant
  51.0805 Pharmacy Technician/Assistant
  51.0806 Physical Therapy Assistant
51.09 Health and Medical Diagnostic and Treatment Services
  51.0901 Cardiovascular Technology/Technician
  51.0902 Electrocardiograph Technology/Technician
  51.0903 Electroencephalograph Technology/Technician
  51.0905 Nuclear Medical Technology/Technician
  51/0906 Perfusion Technology/Technician
  51.0907 Medical Radiologic Technology/Technician
  51.0908 Respiratory Therapy Technician
  51.0909 Surgical/Operating Room Technician
  51.0910 Diagnostic Medical Sonography
  51.0999 Health and Medical Diagnostic and Treatment Services, Other
51.10 Health and Medical Laboratory Technologies/Technicians
  51.1001 Blood Bank Technology/Technician
  51.1002 Cytotechnologist
  51.1003 Hematology Technology/Technician
  51.1004 Medical Laboratory Technician
  51.1005 Medical Technology
  51.1006 Optometric/Ophthalmic Laboratory Technician
  51.1099 Health and Medical Laboratory Technologies/Technicians, Other

52. BUSINESS MANAGEMENT AND ADMINISTRATIVE SERVICES
52.12 Business Information and Data Processing Services
  52.1201 Management Information Systems and Business Data Processing
  52.1202 Business Computer Programming/Programmer
  52.1203 Business Systems Analysis and Design
  52.1204 Business Systems Networking and Telecommunications
  52.1205 Business Computer Facilities Operator
  52.1299 Business Information and Data Processing Services, Other